

Amendment to the Claims:

This listing will replace all prior versions, and listings, of the Claims in this application.

Listing of Claims:

1. (Currently amended) A method for applying a protective coating to a wall of a freezer enclosure comprising the steps of:

applying a screen to the wall, the screen including a plurality of intersecting elements forming a plurality of openings;

applying one or more coatings of polyurea polymer to the screen in a sufficient quantity to coat the screen and permeate the plurality of openings through to the wall; and

solidifying the polyurea coating polymer.

2. (Canceled)

3. (Original) The method of Claim 1 wherein the polyurea coating is a mixture of two components.

4. (Currently amended) The method of Claim 3 wherein one of the two compositions forming the polyurea coating consists essentially of ~~comprises~~:

between approximately 1% and 40% N,N' dialkylamino-diphenylmethane;

between approximately 1% and 50% diethyltoluenediamine;

between approximately 1% and 30% poly(oxy(methyl-1,2-ethanediyl)), Alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy)-; and

between approximately 1% and 20% glyceryl poly(oxypropylene) triamine.

5. (Currently amended) The method of Claim 3 wherein one of the two compositions forming the polyurea coating comprises:

between approximately 30% and 60% diphenylmethane diisocyanate;

between approximately 30% and 60% modified methylenediphenylene isocyanate MDI; and

between approximately 1% and 10% methylenediphenylene isocyanate MDI homopolymer.

6. (Original) The method of Claim 3 further comprising the step of:

mixing the two compositions under pressure.

7. (Original) The method of Claim 3 further comprising the step of:

applying the two compositions under pressure.

8. (Currently amended) The method of Claim 1 further comprising the step of:

applying the polyurea coating in ambient temperatures above freezing.

9. (Currently amended) The method of Claim 1 further comprising the step of:

sodablasting the wall prior to application of the polyurea coating polymer.

10. (Original) A method for sealing a freezer enclosure comprising the steps of:

applying a screen to a wall of the freezer enclosure, the screen including a plurality of intersecting elements forming a plurality of openings;

applying a two component polyurea coating to the screen in a sufficient quantity to coat the screen and permeate the plurality of openings; and

curing the polyurea coating.

11. (Original) The method of Claim 10 further comprising the steps of:
mixing the two components of the polyurea coating under pressure;
spraying the two components of the polyurea coating onto the screen.

12. (Original) The method of Claim 10 further comprising the step of:
heating the two components of the polyurea coating prior to mixing.

13. (Original) The method of Claim 10 wherein the polyurea coating is cured with heat.

14. (Original) The method of Claim 10 further comprising the step of:
sanitizing the cured polyurea coating with a controlled steam injection.

15. (Currently amended) ~~An apparatus for~~ A protective coating for a freezer enclosure having steel walls comprising:

a screen positioned against the walls of the freezer enclosure, the screen having a plurality of intersecting elements forming a plurality of openings;

a cured polyurea coating on the screen and through the plurality of openings of the screen, the cured polyurea coating including a mixture of Component A and Component B;

wherein Component B consists essentially of:

N,N' dialkylamino-diphenylmethane;

diethyltoluenediamine;

poly(oxy(methyl-1,2-ethanediyl)), Alpha-(aminomethylethyl)-omega-(2-aminomethylethoxy)-; and

glyceryl poly(oxypropylene) triamine.

16. (Currently amended) The protective coating apparatus of Claim 15 wherein Component B consists essentially of the cured polyurea coating comprises:

~~a mixture of a first component and a second component, the first component including:~~

between about approximately 1% and 40% N,N' dialkylamino-diphenylmethane;

between approximately 1% and 50% diethyltoluenediamine;

between approximately 1% and 30% poly(oxy(methyl-1,2-ethanediyl)), Alpha-(aminomethylethyl)-omega-(2-aminomethylethoxy)-; and

between approximately 1% and 20% glyceryl poly(oxypropylene) triamine; and

Component A includes the second component including:

between approximately 30% and 60% diphenylmethane diisocyanate;

between approximately 30% and 60% modified methylenediphenylene isocyanate MDI; and

between approximately 1% and 10% methylenediphenylene isocyanate MDI homopolymer.

17. (Currently amended) The protective coating apparatus of Claim 15 further comprising:

a plurality of fasteners adhering the screen to the walls.

18. (Currently amended) The protective coating apparatus of Claim 15 wherein the screen comprises a wire mesh.

19. (Currently amended) The protective coating apparatus of Claim 15 wherein the screen comprises one of a composite and a metal netting.

20. (Currently amended) A refrigeration device comprising:
a plurality of walls;
a screen positioned over at least one of the walls, the screen including a plurality of intersecting elements forming a plurality of openings; and
a polyurea polymer coating contacting the screen, and contracting the wall through the openings in the screen, the polyurea coating including a mixture of two components.

21. (New) The protective coating of Claim 15 wherein Component B consists essentially of:

about 5% N,N' dialkylamino-diphenylmethane;
about 23% diethyltoluenediamine;
about 64% poly(oxy(methyl-1,2-ethanediyl)), Alpha-(aminomethylethyl)-omega-(2-aminomethylethoxy)-; and
about 8% glyceryl poly(oxypropylene) triamine.

22. (New) The protective coating of Claim 15 wherein Component B consists essentially of:

about 3% N,N' dialkylamino-diphenylmethane;
about 23% diethyltoluenediamine;
about 66% poly(oxy(methyl-1,2-ethanediyl)), Alpha-(aminomethylethyl)-omega-(2-aminomethylethoxy)-; and
about 8% glyceryl poly(oxypropylene) triamine.